E-103

PROJECT EVALUATION SUMMARY

Student's Name: Schoenthal Date: 3-18-88 board

Project description: Single power supply

The rating scale used to judge your project in each catagory is as follows:

0 - unacceptable
1 - sub-standard
2 - acceptable
3 - above average
4 - superior

The categories used to judge your project are:

CATEGORY	RATING
1) Exterior appearance	2.5
2) Cabinet/chassis workmanship	3.5
3) Layout of major components	4
4) Assembly of major components	3.8
5) Point-to-point chassis wiring	2
6) Wire termination and/or soldering	2
7) Circuit board layout and detail	2
8) Circuit board component mounting and soldering	2.8
9) Function test	4
10) Paperwork	2
Total Points	28.6
Index	2.86
Grade	C+

Notes and comments on back of sheet.

PROJECT EVALUATION

ITEM:

1. a. Excessive scratches or digs on finish ____ Rin tovelspray on front panel controls. Paint run
   b. Poor workmanship ____ on cover top. Paint "repairs" visible
   c. Improper painting ____ in places. Rough finish.
   d. Improper lettering ____
   e. Other
2. a. Improper corners ____
   b. Burrs ____ VERY
   c. Poor fit ____ Tight cover
   d. Not squarely formed ____
   e. Poor design ____
   f. Other
3. a. Space not utilized properly ____
   b. Components too close together ____
   c. Difficult or impossible to disassemble project ____
   d. Danger of shorting ____
   e. Other
4. a. Retaining nuts loose ____
   b. P.C. card not secured properly ____
   c. Improper fastening procedures ____
   d. Other Missing washer on fuse holder
5. a. Poor organization ____ haphazard
   b. Improper wire size ____
   c. Lacing, spot tieing ____
   d. Other All wires suspended in air. Should follow classis
6. a. Burned insulation ____ insufficient insulation strip
   b. Loose strands of wire ____
   c. Improper wire wrap at terminals ____
   d. Improper use of terminals ____
   e. Excessive or insufficient solder ____
   f. Cold solder connections ____
   g. Other
7. a. Excessively large ____ yes
   b. Components too close together ____
   c. Components haphazardly placed ____

c. ____

d. Board cracked or excessively scratched ____

e. Crooked, wavy conductors ____

f. Broken runs ____

g. Ragged conductor edges a few

h. Pitted surface ____

i. Poor layout ____

j. Other excessive number of wires comming from board

8. a. Excessive or insufficient solder ____

b. Lifted pads or runs ____

c. Excessive flux ____

d. Cold solder connections ____

e. Dull looking solder or copper conductors ____

f. Poor clear laquer job Runs, splotchy thin

g. Other Solder drags on runs

9. a. Less than 100% operation ____

b. Does not function ____

c. Other

10. a. Incomplete ____

b. Improper order ____

c. Drawings ____

d. Neatness ____

e. Insufficient information ____

f. Other

Corrections, freehand lettering crude assembly drawings " wiring diagram

INSTRUCTOR COMMENTS: